This Page Is Inserted by IFW Operations and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.

NO:

YES:

ř .	PAT	ENT APPLICATION	
	DECLARATIO	N AND POWER OF ATTO	ORNEY
ATTORNEY DOCKET			MS DOCKET NO. 307230.01
As a below named inventy residence/post office believe I am the original names are listed entitled: SYSTEMS AND the specification of whim () was filed on Number I hereby state that I have amended by any amended as defined to the specification of whim the specification of the specifi	intor, I hereby declare that ce address and citizenship are a nal, first and sole inventor (if o d below) of the subject matter ND METHODS FOR A LARG ich is filed herewith unless the f in as US Appli and was amen we reviewed and understood the ndment(s) referred to above. I d in 37 CFR 1.56.	which is claimed and is EOBJECT INFRASTRL following box is checked ication Serial No. or PCT added on	for which a patent is sought on the invention JCTURE IN A DATABASE SYSTEM I: International Application
	or Claim of Foreign Priority	es Code Section 119 of any for	eign application(s) for patent or inventor(s) certificate listed
I hereby claim foreign priori below and have also identi- which priority is claimed:	fied below any foreign application for	or patent or inventor(s) certifi	cate naving a ming date before that or the apparation to
COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119
			YES: NO:

POWER OF ATTORNEY:

and

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) associated with



23

David Bartley Eppenauer	Martin L. Shively	Ronald O. Zink	Patricia E. Bornes
, , , ,		Reg. No. 35,744	Reg. No. 37,038
Reg. No. 35,499	Reg. No. 33,553		
Stacy Quan	Jeffrey L. Ranck	Michael W. Bocianowski	John Weresh
1 * -			Reg. No. 32,332
Reg. No. 33,760	Reg. No. 38,590	Reg. No. 28,692	Neg. 140. 32,332

to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Send Correspondence to:

Contact Name: Steven J. Rocci
Firm Name: Woodcock Washburn, LLP
Contact Phone Number: 206-332-1380

Firm Address: One Liberty Place, 46th Floor
City, State and Zip: Philadelphia, PA 19103

Inventor's Signature

DECLARATION AND POWER OF ATT	ORNEY
ATTORNEY DOCKET NO.MSFT-3030	MS DOCKET NO. 307230.01
hereby declare that all statements made herein of my own knowledge are to and belief are believed to be true; and further that these statements were tatements and the like so made are punishable by fine or imprisonment, or leater that the such willful false statements may jeopardize the validity	both, under Section 1001 of Title 18 of the United
Full Name of Inventor: 6. Ashwin SHRINIVAS ASHWIN	Citizenship: INDIA
Residence: 1845 2315T PL NE, SAMMAMISH, HA 9.8	:074
Post Office Address: SAME AS ABOVE	
& Assure	02/09/2004 Date
inventor's Signature	Date
	·
Full Name of Inventor: <u>Jose A. Blakeley</u> 613 9 204 th DR NB, Redmond, WA 98053 Residence: 15705-99 Avenue, NE, Bethell, Washington 98011 J. G. S.	Citizenship: <u>Mexico</u>
Same as a sove. Post Office Address: 15205-99th Avenue, NE, Bothell, Washington 98011. J. A. B.	•
Invertor's Signature	2/9/2004
Inventor's Signature	Date
Full Name of Inventor: <u>Peter Carlin</u>	Citizenship:
Residence:	•
Post Office Address:	
Inventor's Signature	Date
Full Name of Inventor: Jun Fang	Citizenship: <u>China</u>
Residence: 22625 SE 12th Place, Sammamish, Washington 98075	
Post Office Address: 22625 SE 12th Place, Sammamish, Washington 98075	
A	2/9/2004
Inventor's Signature	Date
Full Name of Inventor: Ajay Kalhan	Citizenshi <i>p</i> : <u>India</u>
Residence: 2402 182 Avenue, NE, Redmond, Washington 98052	
Post Office Address: 2402 182 Avenue, NE, Redmond, Washington 98052	
Kally	2/9/04

Date

DECLARATION AND POWER OF ATTOR ATTORNEY DOCKET NO.MSFT-3030	MS DOCKET NO. 307230.01
Full Name of Inventor: Christian Kleinerman Residence: 14645 NE, 34th Street, #G2, Bellevue, Washington 98007	Citizenship: <u>Colombia</u>
Post Office Address: 1/645 NE, 34th Street, #C2, Bellevue, Washington 98007 Inventor's Signature	7/8/01 Date
Full Name of Inventor: Stefano Stefani	Citizenship: <u>Italy</u>
Residence: 3100 Fairview Avenue, E, #106, Seattle, Washington 98102	
Post Office Address: 3100 Fairview Avenue, E, #106, Seattle, Washington 98102 Stefan Inventor's Signature	2/8/04 Date
Full Name of Inventor: Aleksandras Surna	Citizenship: <u>Lithuania</u>
Post Office Address: 17807 NE 102nd Court, Redmond, Washington 98052 Inventor's Signature	2/9/04
Full Name of Inventor: Honggang Zhang Residence: 1920 165th Place SE, Bellevue, Washington 98008	Citizenship: <u>China</u>
Post Office Address: 1920 165th Place SE, Bellevue, Washington 98008 Inventor's Signature	2/9/2004 Date

· •			
		TENT APPLICATION	
ATTORNEY DOCKET		ON AND POWER OF ATT	ORNEY
As a below named invo			MS DOCKET NO. 307230.01
My residence/nost offi	entor, I hereby declare that:		3.5 BOCKET NO. 307230.01
I believe I am the origin	ce address and citizenship are nal, first and sole inventor (i	e as stated below next to n	ny name;
plural names are listed	hai, first and sole inventor (if	f only one name is listed b	ny name; below) or an original, first and joint inventor for which a potent is
entitled: SYSTEMS AN	ND METHODS FOR A TARRET	er which is claimed and	below) or an original, first and joint inventor for which a patent is sought on the inventi
the specification of which	ch is filed horavith.	GE OBJECT INFRASTRU	for which a patent is sought on the inventi JCTURE IN A DATABASE SYSTEM
() was filed or	ch is filed herewith unless the	following box is checked	:
Number	as US App	lication Serial No. or PCT	International Application
I hereby state that I hav	e reviewed and was ame	nded on	(if applicable). identified specification, including the claims,
amended by any amend	dment(s) reformed to the	he contents of the above-i	dentified specification, including the claims
patentability as defined	in 37 CFR 1 56	I acknowledge the duty t	identified specification, including the claims, to disclose all information which is material
,	21.07 CTR 1.50.	•	The state of the s
Foreign Application(s) and/o	Claim of Foreign Priority		
I JICICUV CIAIM MYOION DRIONIL	thomafita to must an an		
below and have also identifie	ed below any foreign application for	es Code Section 119 of any forei	ign application(s) for patent or inventor(s) certificate list ate having a filing date before that of the application of
	3 11	- Patent of Hivehtor(s) certifica	ite having a filing date before that of the application
COUNTRY	APPLICATION NUMBER	DATE FILED	
			PRIORITY CLAIMED UNDER 35 U.S.C. 119
			YES: NO:
POWER OF ATTORNEY:			YES:NO:
As a named inventor. I hereby	appoint the fell :		
= 1102) Thereby	appoint the following attorney(s) ar	nd/or agent(s) associated with	
	•		<i>:</i>
	•	E FEET LE TITOTE TOTAL CENTE FEET LANGUE COME	•
	·		•
		23377	
nd		433//	
David Bartley Eppenauer	Martin L. Shively	- I B	
leg. No. 35,499	Reg. No. 33,553	Ronald O. Zink	Patricia E. Bornes
tacy Quan	Jeffrey L. Ranck	Reg. No. 35,744	Reg. No. 37,038
eg. No. 33,760	Reg. No. 38,590	Michael W. Bocia	nowski John Weresh
		Reg. No. 28,692	Reg. No. 32,332
Droseculo this anni	• .		

to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Send Correspondence to:

Contact Name: Steven J. Rocci

Firm Name: Woodcock Washburn, LLP Firm Address: One Liberty Place, 46th Floor City, State and Zip: Philadelphia, PA 19103 Direct Telephone Calls To:

Contact Name Richard W. Knight Contact Phone Number: 206-332-1380

DECLARATION AND POWER OF AT	TORNEY
ATTORNEY DOCKET NO.MSFT-3030	MS DOCKET NO. 307230.01
Full Name of Inventor: Christian Kleinerman	Citizenship:
Residence: 14645 NE, 34th Street, #C2, Bellevue, Washington 98007	
Post Office Address: 14645 NE, 34th Street, #C2, Bellevue, Washington 98007	
Inv ntor's Signature	Date ·
Full Name of Inventor: <u>Stefano Stefani</u>	Citizenship: <u>Italy</u>
Residence: 3100 Fairview Avenue, E, #106, Seattle, Washington 98102	•
Post Office Address: 3100 Fairview Avenue, E, #106, Seattle, Washington 98102	·
Inventor's Signature	Date
Full Name of Inventor: <u>Aleksandras Surna</u>	Citizenship: <u>Lithuania</u>
Residence: 17807 NE 102 nd Court, Redmond, Washington 98052	-
Post Office Address: 17807 NE 102 nd Court, Redmond, Washington 98052	· · · · · · · · · · · · · · · · · · ·
inventor's Signature	Date
Full Name of Inventor: <u>Honggang Zhang</u>	Citizenship: <u>China</u>
Residence: 1920 165th Place SE, Bellevue, Washington 98008	
st Office Address: 1920 165th Place SE, Bellevue, Washington 98008	
nventor's Signature	Date
	

	DECLARATION AND POWER OF A	TTOPNE
TTORNEY DOCKET NO MEET 2020	I O II DA OI A	TITOMAE

MS DOCKET NO. 307230.01

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: S. Ashwin	Citizenship:
Residence:	· ·
Post Office Address:	
Inventor's Signature	Date
	Date .
Full Name of Inventor: <u>Jose A. Blakeley</u>	Citizenship: <u>Mexico</u>
Residence: 15705 99th Avenue, NE, Bothell, Washington 98011	
Post Office Address: 15705 99th Avenue, NE, Bothell, Washington 98011	
Invent r's Signature	Date
Full Name of Inventor: <u>Peter Carlin</u>	122
Residence: 1506 Mh ARE Seath 14	Citizenship: W. A
Post Office Address: Same	
_ Petale	
Inventor's Signature	Date
Full Name of Inventor: <u>Iun Fang</u>	Citizenship: <u>China</u>
Residence: <u>22625 SE 12th Place, Sammamish, Washington 98075</u>	
Post Office Address: 22625 SE 12th Place, Sammamish, Washington 98075	
	·
nventor's Signature	Date
ull Name of Inventor: <u>Ajay Kalhan</u>	Citizenship: <u>India</u>
esidence: 2402 182 Avenue, NE, Redmond, Washington 98052	
st Office Address: 2402 182 Avenue, NE, Redmond, Washington 98052	
· · · · · · · · · · · · · · · · · · ·	
event r's Signature	Dat